

**Hellers Bend
Verizon Wireless Communication Facility
4160 South Mission Road, Fallbrook CA
Alternate Site Analysis**

Project Site

The proposed project is located at 4160 Mission Road in Fallbrook. The underlying land use designation of the proposed site is A-70, Agriculture. Currently the on-site use consists of a private residence, a guest living quarters, and a nursery on a three-acre parcel. All surrounding properties are also designated A-70, limited agriculture, which is not a preferred zone according to Section 6986 of the County Zoning Ordinance. A faux broadleaf tree design is proposed as a camouflaged design.

The proposed site is situated at a strategic location above South Mission Road and allows the applicant to provide coverage both north and south along South Mission Road from the north terminus of Hellers Bend to Highway 76 on the south. Project site elevation is 387 feet above mean sea level (AMSL)

Preferred Location Sites per Section 6986 of the County Zoning Ordinance

Water Tanks—there is one water tank site 1.29 miles north of the project site on Aqua Hill Lane; it is identified as number 5 in the aerial photo of alternate sites following this narrative. Verizon is already located on this water tank and the proposed site provides complementary coverage to the south and provides seamless handoff capability for mobile users on Mission Road. Verizon's project was approved as P00-139 in 2000 or 2001; ground elevation is 674 feet above mean sea level (AMSL).

Utility Towers, Poles & Cobra Style Street Lights—there are no lattice-style utility towers within close proximity of the proposed site. There are no cobra-style street lights in the area.

Commercial or Industrial Buildings—There are two commercial centers to the south of the project site, one is at the intersection of SR76 and Mission Road (number 3, River Village), approximately 1.65 miles away, and the other is at the intersection of SR76 and Olive Hill Road (number 2), approximately 1.9 miles away. There are no known wireless telecommunication facilities (WTF) at the River Village location and there is one WTF at the Bonsall Village Commercial location. Neither of these locations would provide comparable coverage along Mission Road and provide the overlapping connection to the Aqua Hill water tank site that is provided by the project site. The ground elevation for the Bonsall Center is approximately 175 feet on average and approximately 260 feet for the River Village Center; both commercial properties are considerably lower in elevation than the proposed site as well as being 1.5 miles south of the project

site. Therefore co-location was not considered due to the technical coverage requirements of the project site.

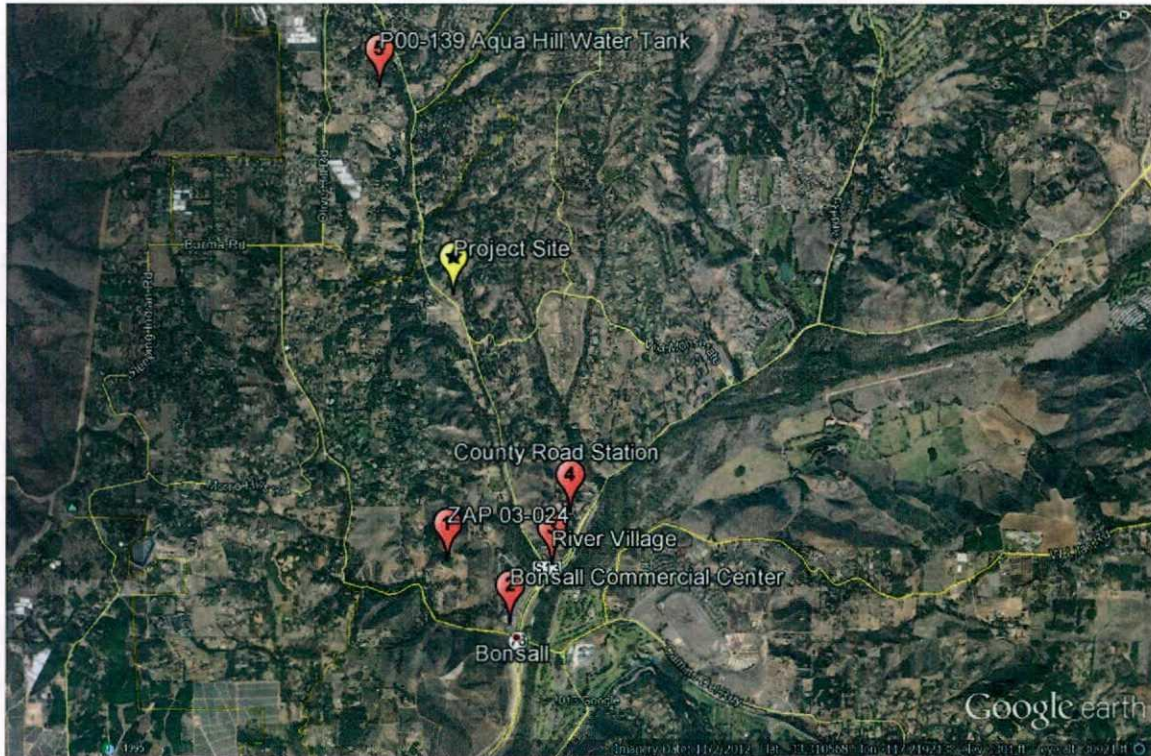
County or Government Facilities—There is a County of San Diego road maintenance station at the intersection of SR76 and Sweetgrass Lane about 1.5 miles southeast of the project site (number 4). Ground elevation on the highest points on the property is around 290 feet AMSL. Due to intervening terrain and the distance from the project site, this site would not provide similar coverage in the project area.

Sites Considered for Co-location per Section 6986

One additional permitted WTF, ZAP03-024, is located on a residential property with an avocado grove approximately 1.5 miles south of the project site (number 1). The facility located on the property is a single pole with three antennas located within the avocado grove next to the garage. Locating additional antennas at this location would require the replacement of the antenna facility with a larger structure to accommodate more antennas; therefore, the site was not considered feasible. In any event, this site could not provide comparable coverage to the project site due to intervening ridgelines to the north which prevent any coverage to the north. Ground elevation at this site is 467 feet AMSL.

There are no other existing WTF sites in the area that would provide comparable coverage; therefore no other sites were considered for co-location.

Aerial Overview of Alternate Sites



1. ZAP03-024, Shamrock Road
2. Bonsall Commercial Center, Olive Hill Road and SR76
3. River Village, SR76 and South Mission Road
4. County Road Station, SR76 and Sweetgrass Lane
5. P00-139 Aqua Hill Water Tank